RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/547.206
Source:	P4/10
Date Processed by STIC:	9/7/05

ENTERED

Raw Sequence Listing before editing (for reference only)



PCT

RAW SEQUENCE LISTING DATE: 09/07/2005
PATENT APPLICATION: US/10/547,206 TIME: 15:01:02

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09072005\J547206.raw

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DERMATOGRAPHOIDES
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    35 Lys Ser Tyr Ala Thr Phe Glu Asp Glu Glu Ala Ala Arg Lys Asn Phe
     38 ctg gaa agc gtg aaa tac gtg cag agc aac ggc ggg gct ata aat cac
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    39 Leu Glu Ser Val Lys Tyr Val Gln Ser Asn Gly Gly Ala Ile Asn His
    40
                 35
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     42 ctg tcc gac ctg tct tta gac gag ttc aag aac cgg ttc ctg atg agc
    43 Leu Ser Asp Leu Ser Leu Asp Glu Phe Lys Asn Arg Phe Leu Met Ser
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                                                                           240
     46 gcc gag gct ttc gaa cac ctt aag acc cag ttt gat ctc aac gcg gag
     47 Ala Glu Ala Phe Glu His Leu Lys Thr Gln Phe Asp Leu Asn Ala Glu
    50 acc aac gcc tgc agt atc aac ggc aat gcc ccc gct gag att gat ctg
    51 Thr Asn Ala Cys Ser Ile Asn Gly Asn Ala Pro Ala Glu Ile Asp Leu
                         85
    54 cgc cag atg agg acc gtg act ccc atc cgc atg caa ggc ggc tgc ggg
    55 Arg Gln Met Arg Thr Val Thr Pro Ile Arg Met Gln Gly Gly Cys Gly
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120

115

RAW SEQUENCE LISTING DATE: 09/07/2005 PATENT APPLICATION: US/10/547,206 TIME: 15:01:02

Input Set : A:\pto.da.txt

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66 tgc gcc tcc caa cac gga tgt cat ggg gat acg att ccc aga ggt	
67 Cys Ala Ser Gln His Gly Cys His Gly Asp Thr Ile Pro Arg Gly	
68 145 150 155	160
70 gaa tac atc cag cat aat ggc gtc gtg cag gaa agc tat tac cga	
71 Glu Tyr Ile Gln His Asn Gly Val Val Gln Glu Ser Tyr Tyr Arg	Tyr
72 165 170 175	
74 gta gct agg gag cag tcc tgc cgc cgt cct aac gca cag cgc ttc	
75 Val Ala Arg Glu Gln Ser Cys Arg Arg Pro Asn Ala Gln Arg Phe	Gly
76 180 185 190	
78 att tcc aat tat tgc cag atc tac ccc cct aat gcc aac aag atc	
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80 195 200 205	
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84 210 215 220	
86 aag gat ctg gac gca ttc cgg cac tat gac ggg cgc aca atc atc	
87 Lys Asp Leu Asp Ala Phe Arg His Tyr Asp Gly Arg Thr Ile Ile	Gln
88 225 230 235	240
90 cgc gac aac gga tat cag cca aac tac cac gcg gtc aac atc gtg	
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92 245 250 255	
94 tac tcg aac gcc cag ggg gtg gac tac tgg atc gtg aga aac agt	tgg 816
95 Tyr Ser Asn Ala Gln Gly Val Asp Tyr Trp Ile Val Arg Asn Ser	Trp
96 260 265 270	
98 gac act aac tgg ggc gac aac ggc tac ggc tac ttc gcc gcc aac	atc 864
99 Asp Thr Asn Trp Gly Asp Asn Gly Tyr Gly Tyr Phe Ala Ala Asn	Ile
100 275 280 285	
102 gac ctg atg atc gag gag tac ccg tac gtg gtg atc ctg	906
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117 20 25 30	
118 Leu Glu Ser Val Lys Tyr Val Gln Ser Asn Gly Gly Ala Ile Asr	n His
119 35 40 45	
120 Leu Ser Asp Leu Ser Leu Asp Glu Phe Lys Asn Arg Phe Leu Met	Ser
121 50 55 60	
122 Ala Glu Ala Phe Glu His Leu Lys Thr Gln Phe Asp Leu Asn Ala	a Glu
123 65 70 75	80

RAW SEQUENCE LISTING DATE: 09/07/2005
PATENT APPLICATION: US/10/547,206 TIME: 15:01:02

Input Set : A:\pto.da.txt

124 Thr Asn Ala Cys Ser Ile Asn Gly Asn Ala Pro Ala Glu Ile Asp Leu 125	104	The	7.00	ת דת	Crra	Cox	т1.	7 00	C111	7 cn	71-	Dro	λla	G111	Tlo	7 cn	Len
126 Arg Gln Met Arg Thr Val Thr Pro Ile Arg Met Gln Gly Gly Cys Gly 127		THE	ASII	Ala	Cys		шe	ASII	GIY	ASII		PIO	AIA	GIU	TIE		цец
127		Ara	Gln	Mot	Ara		Val	Thr	Pro	Tle		Met	Gln	Glv	Glv		Glv
128 Ser Cys Trp Ala Phe Ser Gly Val Ala Ala Thr Glu Ser Ala Tyr Leu		A. 9	GIII	MCC	_	1111	vai	1111	110		***9	1100	01	OL y	_	Cyb	OI I
129		Ser	Cvs	Trp		Phe	Ser	Glv	Val		Ala	Thr	Glu	Ser		Tvr	Leu
130 Ala Tyr Arg Asn Gln Ser Leu Asp Leu Ala Glu Gln Glu Leu Val Asp 131 130 135 135 140 135 140 135 140 135 140 135 140 155 160 160 134 Glu Tyr Ile Gln His Asn Gly Val Val Gln Glu Ser Tyr Tyr Arg Tyr 135 165 160 160 155 170 175 175 175 165 160 160 134 Glu Tyr Ile Gln His Asn Gly Val Val Gln Glu Ser Tyr Tyr Arg Tyr 135 160 160 160 160 175		501	Cys		1114		001	O ₁					014			-1-	
130		Ala	Tvr		Asn	Gln	Ser	Leu		Leu	Ala	Glu	Gln		Leu	Val	Asp
132 Cys Ala Ser Gln His Gly Cys His Gly Asp Thr Ile Pro Arg Gly Ile 133 145			_						- 1 6								
133 145		Cvs		Ser	Gln	His	Glv		His	Glv	Asp	Thr		Pro	Arq	Glv	Ile
134 Glu Tyr Ile Gln His Asn Gly Val Val Gln Glu Ser Tyr Tyr Arg Tyr 135								-1-		1					5	1	
135			Tvr	Ile	Gln	His		Gly	Val	Val	Gln	Glu	Ser	Tyr	Tyr	Arg	Tyr
138 18 Ser Ash Tyr Cys Gln Ile Tyr Pro Pro Ash Val Ash Lys Ile Arg Ash Ash Lys Ile Arg Ash Ash Lys Ile Arg Ash Ash Ile Ile Gly Ile I			- 4					-						•	•		•
138 18 Ser Ash Tyr Cys Gln Ile Tyr Pro Pro Ash Val Ash Lys Ile Arg Ash Ash Lys Ile Arg Ash Ash Lys Ile Arg Ash Ash Ile Ile Gly Ile I		Val	Ala	Arq	Glu	Gln	Ser	Cys	Arq	Arg	Pro	Asn	Ala	Gln	Arg	Phe	Gly
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195	138	Ile	Ser	Asn	Tyr	Cys	Gln	Ile	Tyr	Pro	Pro	Asn	Val	Asn	Lys	Ile	Arg
141						-											
142 Lys Asp Leu Asp Ala Phe Arg His Tyr Asp Gly Arg Thr Ile Ile Gln 143 225	140	Glu	Ala	Leu	Ala	Gln	Thr	His	Ser	Ala	Ile	Ala	Val	Ile	Ile	Gly.	Ile
235	141		210					215					220				
144 Arg Asp Asn Gly Tyr Gln Pro Asn Tyr His Ala Val Asn Ile Val Gly 250 255 255 146 Tyr Ser Asn Ala Gln Gly Val Asp Tyr Trp Ile Val Arg Asn Ser Trp 147 260 265 270 280 285 270 285 285 11e 280 285 285 285 285 285 285 285 285 285 285 285 285 285 285 2	142	Lys	Asp	Leu	Asp	Ala	Phe	Arg	His	Tyr	Asp	Gly	Arg	Thr	Ile	Ile	Gln
145																	
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172 65 70 75 80 173 Thr Asn Ala Arg Ser Ile Asn Gly Asn Ala Pro Ala Glu Ile Asp Leu 174 85 90 95 175 Arg Gln Met Arg Thr Val Thr Pro Ile Arg Met Gln Gly Gly Cys Gly	170		50	-				55					60				
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RAW SEQUENCE LISTING DATE: 09/07/2005
PATENT APPLICATION: US/10/547,206 TIME: 15:01:02

Input Set : A:\pto.da.txt

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180	C	130	Cox	~1 _~	1114 0	~1··	135	uic	C1	7.00	Th.	140	Dro	71 ***	Clv	Tlo	
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		Tyr	тЪ	Gln	Uic		Glv	Wa l	17 = 1	Gln		Sar	ጥህጕ	ጥህዮ	Δra		
184	Giu	ıyı	116	GIII	165	POII	Gry	Val	val	170	Giu	Jei	- y -	- 7 -	175	-1-	
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273 225																		120
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SEQUENCE LISTING

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<120> HYPOALLERGENIC DER P1 AND DER P3 PROTEINS FROM DERMATOGRAPHOIDES

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/547,206

DATE: 09/07/2005 TIME: 15:01:03

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09072005\J547206.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:259 W: Allowed number of lines exceeded, <140> CURRENT APPLICATION NUMBER:

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:14 M:259 W: Allowed number of lines exceeded, <150> PRIOR APPLICATION NUMBER: